

HIGH SPEED ROTOR

ABSTRACT OF THE DISCLOSURE

An electromagnetic machine is provided. The machine includes a stator extending along a longitudinal axis and having an inner surface defining a rotor receipt cavity. The rotor extends along and is rotatable about the longitudinal axis within the rotor receipt cavity. A plurality of ring assemblies are supported on the rotor and a plurality of magnets are circumferentially spaced about the rotor and extend through the ring assembly. Each magnet is generally parallel to the axis of the rotor.